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Arg Ala Gly Leu Leu Arg Pro Asp Tyr Ala Leu Leu Gly His Arg Gln 55

Leu Val Arg Thr Asp Cys Pro Gly Asp Ala Leu Phe Asp Leu Leu Arg 70

Thr Trp Pro His Phe Thr Ala Val Ser Leu Arg Ser Leu His Tyr Thr 90

Ala Arg Arg Pro Ser Val Tyr Thr Ser Ser Thr Arg Pro Leu Pro Pro 100 105

Ala Cys Asn Ser Cys Ala Arg Thr Ala Ser Ala Arg Pro Pro Thr Ser 120

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Ser Ile Thr Ala Ser Ala Trp Ile Leu Ser Ala Lys Asn Ser Ser Thr 50 55 60

His Asn Ser Leu His Gln Arg Leu Leu Leu Lys Ala Pro Ser His Asn 65 70 75 80

Thr Thr Glu Pro Asp Pro His Ser Leu Ser Pro Glu Leu Gln Ala Leu 85 90 95

Ile Ser Glu Val Ala Gln His Asp Val Gln Asn Gly Arg Glu Tyr Gly  $100 \hspace{1.5cm} 105 \hspace{1.5cm} 110 \hspace{1.5cm}$ 

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Phe Gly Leu Glu Ala Gly Leu Gln Ala His Ser Val Ala Asn Leu Pro 130 135 140

Ile Arg Ala Thr Trp Pro Gly Leu Met Asp Ala Phe Pro Asn Ala Ser 165 170 175

Ser Pro Asp Val Gly Ala Thr Leu Pro Asn Asp Lys Ala Lys Thr Pro 180 185 190

Thr Thr Val Asp Arg Leu Leu Ala Ile Thr Leu Ala Gly Asp Leu Gly 195 200 205

Leu Thr Phe Leu His Arg Ser Gln Thr Trp Ser Pro Pro Gly Leu Gly 210 215 220

Thr Glu Gly Cys Trp Asp Gln Leu Thr Ala Pro Arg Val Phe Thr Leu 225 230 235 240

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Leu Asp Gly Ala Leu Leu Gly Asn His Leu Ser Gln Ile Pro Arg Pro
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His Pro Pro Leu Ser His Leu Leu Arg Glu Tyr Tyr Gly Ala Gly Val 275 280 285

Asn Gly Asp Pro Val Phe Arg Ser Asn Phe Arg Arg Gln Asn Gly Ala 290 295 300

Ala Leu Thr Ser Ala Pro Thr Leu Ala Gln Gln Val Trp Glu Ala Leu 305 310 315 320

Val Leu Gln Lys Leu Glu Pro Glu His Leu Gln Leu Gln Asn Ile 325 330 335

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Gln Asp Val Arg Lys Trp Asp Asp Ile Gly Tyr Ser Phe Val Val Gly
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Ser Asp Gly Tyr Leu Tyr Gln Gly Arg Gly Trp His Trp Val Gly Ala 435 440 445 His Thr Arq Gly Tyr Asn Ser Arq Gly Phe Gly Val Ala Phe Val Gly 450 455 Asn Tyr Thr Gly Ser Leu Pro Asn Glu Ala Ala Leu Asn Thr Val Arg Asp Ala Leu Pro Ser Cys Ala Ile Arg Glu Gly Leu Leu Arg Pro Asp 485 Tyr Lys Leu Gly His Arg Gln Leu Val Leu Thr His Cys Pro Gly Asn Ala Leu Phe Asn Leu Leu Arg Thr Trp Pro His Phe Thr Glu Val Glu Asn 530 <210> <211> 733 <212> DNA <213> human <400> 5 gggatccgga gcccaaatct tctgacaaaa ctcacacatg cccaccgtgc ccagcacctg 60 aattcgaggg tgcaccgtca gtcttcctct tccccccaaa acccaaggac accctcatga 120 tctcccggac tcctgaggtc acatgcgtgg tggtggacgt aagccacgaa gaccctgagg 180 tcaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaaqaca aagccqcqqq 240 aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact 300 ggctgaatgg caaggagtac aagtgcaagg tetecaacaa ageceteeca acceecateg 360 agaaaaccat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc 420 cateceggga tgagetgace aagaaceagg teageetgae etgeetggte aaaggettet 480 atccaagcga catcgccgtg gagtgggaga gcaatgggca gccggagaac aactacaaga 540 ccacgcctcc cgtgctggac tccgacggct ccttcttcct ctacagcaag ctcaccgtgg 600 acaagaqcag gtggcagcag gggaacqtct tctcatqctc cqtqatqcat qaqqctctqc 660 acaaccacta cacgcagaag agcctctccc tgtctccggg taaatgagtg cgacggccgc 720

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